

Appendix I

Public Participation Documents

Annual Fine Particle Attainment Demonstration and Technical Support Document for the Indiana portion of the Louisville KY-IN Fine Particle Nonattainment Area, Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana

Summary/Response to Comments Received at Public Hearing

On May 7, 2008, the Indiana Department of Environmental Management (IDEM) conducted a public hearing concerning the draft attainment demonstration and technical support document of the annual fine particulate matter (PM_{2.5}) standard for the Indiana portion of the Louisville KY-IN Fine Particle Nonattainment Area, Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana. There were no comments received during the public hearing.

Summary/Response to Comments Received During Comment Period

IDEM requested public comment on the draft attainment demonstration and technical support document for Indiana's portion of the Louisville KY-IN Fine Particle Nonattainment Area from April 4, 2008 through May 9, 2008. IDEM received comments from the following parties:

Randy Simon, Regional Planner, Kentuckiana Regional Planning and Development Agency (RS)
John S. Lyons, Director, Kentucky Department of Environmental Protection (JL)

Following is a summary of comments received and IDEM's responses thereto:

Comment: In the first paragraph in Section 8.1, the Metropolitan Planning Organization (MPO) counties of the Kentuckiana Regional Planning and Development Agency (KIPDA) are discussed. Although this is not designated as a nonattainment county for PM_{2.5}, Oldham County, Kentucky is a part of the KIPDA MPO. (RS)

Language has been added to Section 8.1 to list Oldham County, Kentucky as part of the KIPDA MPO and to clarify that it is not designated as part of the nonattainment area.

Comment: In the second paragraph of Section 8.1, it states "the agencies which jointly determine regional significance." (emphasis added) It would probably be more informative to list these agencies as the ones who consulted in determining the mobile source budgets. Also, the list of agencies should include the Kentucky Environmental and Public Protection Cabinet. (RS)

The second paragraph of Section 8.1 has been revised to state that the agencies that make up the interagency consultation group jointly determine the mobile source emissions budget. The Kentucky Environmental and Public Protection Cabinet has been added to the list of agencies that make up the interagency consultation group.

Comment: In the second paragraph in Section 8.1, the last sentence states that “Primary responsibility for modeling emissions falls under the purview of KIPDA.” KIPDA provides input data for MOBILE 6 emissions (emissions factor) model, and KIPDA sometimes estimates emissions, but to say that KIPDA models emissions may lead to a misunderstanding. (RS)

Based on this information, IDEM believes KIPDA’s responsibilities are adequately addressed in the third paragraph of Section 8.1 and this sentence has been deleted.

Comment: In the third paragraph of Section 8.1, MOBILE6 is introduced. It would be helpful to add a few words e.g. “(see Section 8.2)” to indicate where more detail about the MOBILE model can be found. (RS)

Language has been added to the third paragraph of Section 8.1 to indicate that additional information regarding the travel demand forecasting model can be found in Section 8.2.

Comment: In several places in Section 8, the model is referred to as the “travel demand forecast model” or the “travel demand model”. The commenter suggests that the term, “travel demand forecasting model”, be used for consistency. (RS)

For consistency, the term “travel demand forecasting model” has replaced all other references to the travel model in Section 8.

Comment: In the first paragraph in Section 8.2, it is stated that each year analyzed will likely have some additional links (among other data). The use of the word “links” may be confusing in this context. It is suggested that “roadway sections” be used instead. (RS)

To provide further clarity, the term “links” has been replaced with the term “roadway sections” in the first paragraph of Section 8.2.

Comment: Near the end of the paragraph of Section 8.2, there is a sentence which states, “This information derives from the travel demand model.” Perhaps it would be clearer to state, “The VMT information is derived from the travel demand forecasting model.” This would clarify that the subject information is VMT and not emissions or emissions factors. (RS)

To provide further clarity, the language in Section 8.2 has been modified as requested.

Comment: In the first paragraph in Section 8.3, the sentences after the first sentence do not apply to the KIPDA model. This material may have been copied from a description from another model, but it is incorrect to state that the KIPDA model has the attributes listed in that paragraph. (RS)

These sentences have been deleted since they are inaccurate.

Comment: Likewise in the listing of formulas near the end of Section 8.3, (The listing starts with “The BPR (Bureau of Public Roads) Formula is used as follows.”), the formulas provided for Amtime, Pmtime, and Optime do not apply to the KIPDA model or air quality post-processor. (RS)

This language has been deleted since it is inaccurate.

Comment: For the “Socioeconomic data” portion of Section 8.3, there are four comments. (RS)

(a) TAZs are “traffic analysis zones” rather than “travel analysis zones”.

In Section 8.3 the term “travel analysis zone” has been replaced with the term “traffic analysis zone to provide further clarity.

(b) The TAZs have zone-specific information regarding population, households, and employment and not destinations and expected growth.

The references to “destinations” and expected growth” being included as traffic analysis zones in the travel demand forecasting models have been deleted in Section 8.3 since this is inaccurate.

(c) The model was last updated in 2005 rather than 2003.

Section 8.3 has been modified to state that the “socioeconomic data” included in the most recent travel demand forecasting model was updated in “2005” not “2003” based on 2000 census.

(d) The last two sentences of the paragraph are difficult to understand at the best and could be misinterpreted. They should be removed.

The sentences have been deleted as they are inaccurate.

Comment: In the paragraph concerning speeds in Section 8.3, there is a sentence concerning the “most accurate and through MOBILE6 input speed method.” The sentence contains a note in ()’s which states, “(one for each type.)” Perhaps it would be clearer to state, “(one for Arterials and one for Freeways).” Using the suggested language for the note would clarify which two facility types would need to have speed tables. (RS)

To provide further clarity, the language in Section 8.3 has been modified as requested.

Comment: For Section 8.4, there are three comments. (RS)

(a) It should be noted that each future year model scenario contains the road network based on KIPDA's long range transportation plan (and Transportation Improvement Program for the near term).

To provide further clarity, the language in Section 8.4 has been modified as requested.

(b) Each analysis year network contains the projects expected to exist by the end rather than the beginning of that year.

The language in Section 8.4 has been revised to clarify that each future year analysis scenario contains the road network KIPDA expects to exist by the end (as opposed to the beginning) of that year based on socioeconomic forecasts.

(c) Each analysis year uses the accompanying socioeconomic forecasts rather than growth projections. (Some TAZs may show decline rather than growth.)

The language in Section 8.4 has been revised to clarify that the travel demand forecasting model uses "the accompanying socioeconomic forecasts" rather than "growth projections" for each future analysis year.

Comment: In Section 8.5 in the last sentence before Table 8.1, the 2005 emissions estimates are described as being "interpolated values based on the travel demand model network for 2002 and 2009." The emissions estimates were based on all the inputs to the model-and not just the network-for 2002 and 2009. It would be better to state "the 2005 emission estimates are interpolated values based on the 2002 and 2009 emission estimates." (RS)

To provide further clarity, the language in Section 8.5 has been modified as requested.

Comment: In Table 1.3 on Page 6, the design values for the Kentucky monitor sites do not agree with the Kentucky data submitted to the U.S. Environmental Protection Agency's Air Quality System database. The units are in micrograms per cubic meters ($\mu\text{g}/\text{m}^3$). Below is a summary of the data discrepancies. (JL)

Comparison between Indiana's and Kentucky's 2003-2006 Design Values ($\mu\text{g}/\text{m}^3$)

Monitor Site	IDEM Design Value ($\mu\text{g}/\text{m}^3$)	Kentucky Department of Air Quality Design Value ($\mu\text{g}/\text{m}^3$)
Bullitt: Carpenter Street	14.9	14.6
Hardin: Elizabethtown	13.5	13.3
Jefferson: Southern Avenue	15.7	15.6
Jefferson: Wyandotte Park	15.4	15.3
Jefferson: Barret Avenue	15.2	15.0
Jefferson: Watson Elementary	14.7	14.5

The modeled attainment test was based on the three most current 3-year design values, centered around 2005 (2003-2005, 2004-2006, 2005-2007). The fine particle attainment test used 2005-2006 as the third design value because 2007 data was not available at the time of the modeling. 2007 data has since been made available and review of the 2007 annual values shows that the 2005-2006 average design value for Southern Indiana was higher than the 2005-2007 design value. Therefore, the more conservative numbers will be used to determine future year design values for Southern Indiana.

Comment: In Table 3.6 on Page 27, the 2003 and 2004 design values for the Southern Avenue monitoring site are slightly different from the Kentucky data submitted to the U.S. Environmental Protection Agency's Air Quality System database. Table 3.6 lists the design values for 2003 and 2004 for Southern Avenue as 16.4 and 14.6 $\mu\text{g}/\text{m}^3$, respectively. According to Kentucky's data, the 2003 and 2004 design values for the Southern Avenue monitoring site are 16.0 and 14.5 $\mu\text{g}/\text{m}^3$, respectively. (JL)

Table 3.6 has been revised to incorporate Kentucky's 2003 and 2004 monitoring data for the Southern Avenue monitoring site as requested.

LEGAL NOTICE OF PUBLIC HEARING

STATE IMPLEMENTATION PLAN SUBMITTAL

Fine Particle (PM_{2.5}) Attainment Demonstration and Technical Support Plan for Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana

Notice is hereby given under 40 CFR 51.102 that the Indiana Department of Environmental Management (IDEM) will hold a public hearing on Wednesday, May 7, 2008. The purpose of this hearing is to receive public comment on the amendment to the State Implementation Plan (SIP) developed for the purpose of complying with the attainment demonstration requirement of Section 172 (c) of the Clean Air Act (CAA), as it applies to Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana. Public comments will also be received on the 2005 emissions inventory included in the attainment demonstration. The meeting will convene at 6:00 p.m. (local time) at the Clarksville Branch Library, 1312 Eastern Boulevard, Clarksville, Indiana. All interested persons are invited and will be given opportunity to express their views concerning the draft documents.

Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana are part of the Louisville KY-IN Fine Particle Nonattainment Area. This area was designated as nonattainment area for the annual fine particle standard and subject to the requirements of Section 172 of the CAA. One of the compliance requirements mandated by Section 172 (c) of the CAA, is the development of a plan demonstrating that the area will meet the annual fine particle air quality standard by the required attainment date. This Fine Particle Attainment Demonstration Plan is being drafted and submitted consistent with United States Environmental Protection Agency (U.S. EPA) guidance.

The demonstration plan includes an air quality modeling analysis, an emissions inventory, an air quality and emissions trend analysis, a summary of current and anticipated emission control measures and mobile source emission budgets for purposes of transportation conformity. Public comments will be received on all components of the attainment demonstration SIP submittal.

Copies of the draft documents will be available on or before April 7, 2008 to any person upon request and at the following locations:

- Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, 100 North Senate, Room N1003, Indianapolis, Indiana.
- Clarksville Branch Library, 1312 Eastern Boulevard, Clarksville, Indiana.
- Charlestown-Clark County Public Library, 51 Clark Road, Charlestown, Indiana
- New Albany-Floyd County Public Library, 180 West Spring Street, New Albany, Indiana.
- Jeffersonville Township Public Library, 211 East Court Avenue, Jeffersonville, Indiana
- Madison-Jefferson County Public Library, 420 West Main Street, Madison, Indiana.

Oral statements will be heard, but for the accuracy of the record, statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive written comments at the public hearing.

IDEM will also accept written comments through May 9, 2008. Mailed comments should be addressed to:

Louisville KY-IN Fine Particle Standard Attainment Demonstration
Scott Deloney, Chief
Air Programs Branch, Office of Air Quality – Mail Code 61-50
100 North Senate Avenue
Indiana Department of Environmental Management
Indianapolis, IN 46206-2251

A transcript of the hearing and all written submissions provided at the public hearing shall be open to public inspection at IDEM and copies may be made available to any person upon payment of reproduction costs. Any person heard or represented at the hearing or requesting notice shall be given written notice of actions resulting from the hearing.

For additional information contact Mr. Gale Ferris, at the Indiana Department of Environmental Management, Office of Air Quality, Room 1001, Indiana Government Center North, 100 North Senate Avenue, Indianapolis or call (317) 234-3653 or (800) 451-6027 ext. 4-3653 (in Indiana).

Individuals requiring reasonable accommodations for participation in this hearing should contact the IDEM Americans with Disabilities Act (ADA) coordinator at:

Attn: ADA Coordinator
Indiana Department of Environmental Management – Mail Code 50-10
100 North Senate Avenue
Indianapolis, IN 46204-2251

Or call (317) 233-1785 (voice) or (317) 232-6565 (TDD). Please provide a minimum of 72 hours notification.

MEMORANDUM

TO: Gale Ferris
Indiana Department of Environmental Management

FROM: Randy Simon
KIPDA Transportation Planner

DATE: May 16, 2008

SUBJECT: Follow-up comments concerning the Fine Particle Attainment Demonstration and Technical Support Document for the Indiana Portion of the Louisville, KY-IN Fine Particle Nonattainment Area

As per the request in your e-mail of May 13, KIPDA staff have reviewed the revised section 8 of the Fine Particle Attainment Demonstration and Technical Support Document for the Indiana Portion of the Louisville, KY-IN Fine Particle Nonattainment Area. For the most part, the review concerned how the previous comments of KIPDA staff were addressed. The previous comments are provided below in black. The follow-up comments are shown in red. In addition, there were a few places in the document where it appeared that wording changes would clarify the discussion. These suggested wording changes have been included in new comments at the end of this memo.

Appendix H, which is referenced in Chapter 8, was not available to KIPDA staff and therefore not reviewed. The applicability of present or previous KIPDA comments (concerning Chapter 8) to the material in Appendix H may need to be reviewed.

- (1) In the first paragraph in section 8.1, the MPO counties of KIPDA are discussed. Although it is not designated as a nonattainment county for PM 2.5, Oldham County, KY is a part of the KIPDA MPO.

This comment has been addressed as it was originally stated. After reading the revised paragraph, it appears that the original comment of KIPDA staff should have stated that it would probably be helpful to indicate the difference between the MPO counties and the fine particle nonattainment area. An additional sentence could be added to the revised paragraph stating that all of the MPO counties except Oldham are in the fine particle nonattainment area as is the Madison Township of Jefferson County, IN.

- (2) In the second paragraph of section 8.1, the agencies which jointly determine regional significance. (emphasis added) It would probably more informative to list these agencies as the ones who consulted in determining the mobile source budgets. Also, the list of agencies should include the Kentucky Environmental and Public Protection Cabinet.

The portion of this comment concerning consultation in determining mobile source budgets rather than consultation in determining regional significance has been addressed. However, the list of agencies still does not include the Kentucky Environmental and Public Protection Cabinet.

- (3) In the second paragraph in section 8.1, the last sentence states that "Primary responsibility of modeling emissions falls under the purview of KIPDA." KIPDA provides input data for the MOBILE 6 emissions (emission factor) model, and KIPDA sometimes estimates emissions, but to say that KIPDA models emissions may lead to a misunderstanding.

It appears that this comment was addressed by removing the last sentence of the second paragraph in section 8.1. This addresses the comment of KIPDA staff but leaves only one sentence in the second paragraph in section 8.1. If having only one sentence in this paragraph is not a concern to IDEM, it is not a concern for KIPDA staff.

- (4) In the first paragraph in section 8.2, it is stated that each year analyzed will likely have some additional links (among other data). The use of the word "links" may be confusing in this context. It is suggested that "roadway sections" be used instead.

This comment has been addressed.

- (5) In the first paragraph in section 8.3, the sentences after the first sentence do not apply to the KIPDA model. This material may have been copied from a description from another model, but it is incorrect to state that the KIPDA model has the attributes listed in that paragraph.

It appears that this comment was addressed by removing all the sentences of the first paragraph in section 8.3 except for the first sentence. This addresses the comment of KIPDA staff but leaves only one sentence in the first paragraph in section 8.3. If having only one sentence in this paragraph is not a concern to IDEM, it is not a concern for KIPDA staff.

- (6) Likewise in the listing of formulas near the end of section 8.3 (The listing starts with "The BPR (Bureau of Public Roads) Formula is used as follows:"), the formulas provided for Amtime, Pmtime, and Optime do not apply to the KIPDA model or air quality post-processor.

This comment has been addressed.

- (7) For the "Socioeconomic data" portion of section 8.3, there are four comments.

(a) TAZs are traffic analysis zones rather than travel analysis zones.

- (b) The TAZs have zone-specific information regarding population, households, and employment and not destinations and expected growth.
- (c) The model was last updated in 2005 rather than 2003.
- (d) The last two sentences of the paragraph are difficult to understand at best and could be misinterpreted. They should be removed.

These comments have been addressed.

- (8) For section 8.4, there are three comments.
 - (a) It should be noted that each future year model scenario contains the road network based on KIPDA's long range transportation plan (and Transportation Improvement Program for the near term).
 - (b) Each analysis year network contains the projects expected to exist by the end rather than the beginning of that year.
 - (c) Each analysis year uses the accompanying socioeconomic forecasts rather than growth projections. (Some TAZs may show decline rather than growth.)

These comments have been addressed.

- (9) In section 8.5 in the last sentence before Table 8.1, the 2005 emissions estimates are described as being "interpolated values based on the travel demand model network for 2002 and 2009." The emission estimates were based on all of the inputs to the model—and not just the network—for 2002 and 2009. It would probably be better to state the 2005 emission estimates are interpolated values based on the 2002 and 2009 emission estimates.

This comment has been addressed.

New Comments

- (10) In the third paragraph of section 8.1, MOBILE6 is introduced. It would be helpful to add a few words—e.g. (see Section 8.2)—to indicate where more detail about the MOBILE model can be found.
- (11) In several places in section 8, the model is referred to as the travel demand model forecast model or the travel demand model. KIPDA staff suggest that the term, travel demand forecasting model, be used for consistency.
- (12) Near the end of the paragraph of section 8.2, there is a sentence which states, "This information derives from the travel demand model." Perhaps it would be clearer to state, "The VMT information is derived from the travel demand forecasting model." This would clarify that the subject information is VMT and not emissions or emission factors. Also, see comment 11.
- (13) In the paragraph concerning speeds in section 8.3, there is a sentence concerning the "most accurate and thorough MOBILE6 speed input method." The sentence contains a note in (i)'s which states, "(one for each facility type)." Perhaps it would be clearer to state, "(one for Arterials and one for

Freeways).” Using the suggested language for the note would clarify which 2 facility types would need to have speed tables.

- (14) In the next-to-last paragraph in section 8.5, there are several occurrences where it is stated that a cushion was applied to the Budget. It would probably be clearer to state that a cushion was applied to the expected 2009 emission levels in establishing the PM_{2.5} and NO_x Budgets. In other words, the cushion is a part of each Budget rather than being added to them.

MEMORANDUM

TO: Gale Ferris
Indiana Department of Environmental Management

FROM: Randy Simon
KIPDA Transportation Planner

DATE: May 9, 2008

SUBJECT: Comments concerning the Fine Particle Attainment Demonstration and Technical Support Document for the Indiana Portion of the Louisville, KY-IN Fine Particle Nonattainment Area

KIPDA staff have reviewed the Fine Particle Attainment Demonstration and Technical Support Document for the Indiana Portion of the Louisville, KY-IN Fine Particle Nonattainment Area. Because of time considerations, the comments are limited to chapter 8 of the document. This is the chapter which concerns the mobile source budgets for fine particulate matter (PM 2.5) and its precursors. Therefore, chapter 8 is the one of greatest concern to KIPDA.

Chapter 8 references Appendix H as being the location of the detailed mobile input and output files. Since the appendices were not included in the electronic copy of the document, KIPDA staff have not reviewed Appendix H.

Below are the comments of KIPDA staff. The comments are presented in the same order as the portions of the document which they concern.

- (1) In the first paragraph in section 8.1, the MPO counties of KIPDA are discussed. Although it is not designated as a nonattainment county for PM 2.5, Oldham County, KY is a part of the KIPDA MPO.
- (2) In the second paragraph of section 8.1, the agencies which jointly determine regional significance. (emphasis added) It would probably more informative to list these agencies as the ones who consulted in determining the mobile source budgets. Also, the list of agencies should include the Kentucky Environmental and Public Protection Cabinet.

- (3) In the second paragraph in section 8.1, the last sentence states that "Primary responsibility of modeling emissions falls under the purview of KIPDA." KIPDA provides input data for the MOBILE 6 emissions (emission factor) model, and KIPDA sometimes estimates emissions, but to say that KIPDA models emissions may lead to a misunderstanding.
- (4) In the first paragraph in section 8.2, it is stated that each year analyzed will likely have some additional links (among other data). The use of the word "links" may be confusing in this context. It is suggested that "roadway sections" be used instead.
- (5) In the first paragraph in section 8.3, the sentences after the first sentence do not apply to the KIPDA model. This material may have been copied from a description from another model, but it is incorrect to state that the KIPDA model has the attributes listed in that paragraph.
- (6) Likewise in the listing of formulas near the end of section 8.3 (The listing starts with "The BPR (Bureau of Public Roads) Formula is used as follows:".), the formulas provided for Amtime, Pmtime, and Optime do not apply to the KIPDA model or air quality post-processor.
- (7) For the "Socioeconomic data" portion of section 8.3, there are four comments.
 - (a) TAZs are traffic analysis zones rather than travel analysis zones.
 - (b) The TAZs have zone-specific information regarding population, households, and employment and not destinations and expected growth.
 - (c) The model was last updated in 2005 rather than 2003.
 - (d) The last two sentences of the paragraph are difficult to understand at best and could be misinterpreted. They should be removed.
- (8) For section 8.4, there are three comments.
 - (a) It should be noted that each future year model scenario contains the road network based on KIPDA's long range transportation plan (and Transportation Improvement Program for the near term).
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- (9) In section 8.5 in the last sentence before Table 8.1, the 2005 emissions estimates are described as being "interpolated values based on the travel demand model network for 2002 and 2009." The emission estimates were

based on all of the inputs to the model—and not just the network—for 2002 and 2009. It would probably be better to state the 2005 emission estimates are interpolated values based on the 2002 and 2009 emission estimates.

Steven L. Beshear
Governor



Robert D. Vance
Secretary

Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601-1403
www.air.ky.gov
May 9, 2008

Ms. Amy Bukarica
Indiana Department of Environmental Management
Office of Air Quality
Indiana Government Center North
100 North Senate Avenue, Room N1001
Indianapolis, Indiana 46204

Dear Ms. Bukarica:

The Division for Air Quality has reviewed the Indiana Department of Environmental Management (IDEM) document titled, "Fine Particle Attainment Demonstration and Technical Support Document for the Indiana Portion of the Louisville KY-IN Fine Particle Nonattainment Area," for Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana. Kentucky offers to make the following comments.

- 1) In Table 1.3 on page 6, the design values for the Kentucky monitor sites do not agree with the Kentucky data submitted to the U.S. Environmental Protection Agency's Air Quality System database. The units are in micrograms per cubic meters ($\mu\text{g}/\text{m}^3$). Below is a summary of the data discrepancies.

Comparison Between Indiana's and Kentucky's 2003-2006 Design Values ($\mu\text{g}/\text{m}^3$)

Monitor Site	IDEM Design Value ($\mu\text{g}/\text{m}^3$)	KDAQ Design Value ($\mu\text{g}/\text{m}^3$)
Bullitt: Carpenter Street	14.9	14.6
Hardin: Elizabethtown	13.5	13.3
Jefferson: Southern	15.7	15.6
Jefferson: Wyandotte	15.4	15.3
Jefferson: Barret	15.2	15.0
Jefferson: Watson	14.7	14.5

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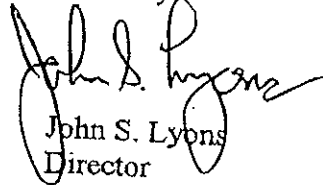
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Ms. Amy Bukarica
Page 2
May 9, 2008

- 2) In Table 3.6 on page 27, the design values for the Southern Avenue site in 2003 and 2004 are slightly different from the Kentucky data submitted to the U.S. Environmental Protection Agency's Air Quality System database. The table lists the design values for these sites as 16.4 and 14.6 $\mu\text{g}/\text{m}^3$, respectively. According to Kentucky's data for these sites, the design values are 16.0 and 14.5 $\mu\text{g}/\text{m}^3$, respectively.

The Division appreciates the opportunity to review this submittal and looks forward to the continued cooperation with your staff in matters relating to transportation/air quality planning. If you have any questions regarding this matter, please contact Joe Forgacs of my staff at (502) 573-3382.

Sincerely,


John S. Lyons
Director

JSL/jmf

cc: Dianna Smith, U.S. EPA – Region 4
Harold Tull, KIPDA
Lynn Soporowski, KYTC

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and county aforesaid, and that the printed matter attached hereto is a true copy,
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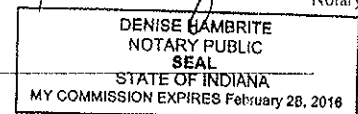
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Title

Subscribed and sworn to before me on 04/02/2008

Denise Hambrite Notary Public

Form 65-REV 1-88

My commission expires: _____



STATE PRESCRIBED FORMULA

7.83 PICA COLUMN - 94 POINT
94 POINTS / 5.7 PT. TYPE - 16.49
16.49 EMS / 250 - .06596 SQUARES
.06596 SQUARES x \$5.14 - .339 CENTS PER LINE

RATE PER LINE

PUBLISHED 1 TIME = .339
PUBLISHED 2 TIMES = .509
PUBLISHED 3 TIMES = .679
PUBLISHED 4 TIMES = .848

5 PUBLIC NOTICES

**LEGAL NOTICE
OF PUBLIC HEARING
STATE IMPLEMENTATION
PLAN SUBMITTAL**

Fine Particle (PM_{2.5})
Attainment Demonstration
and Technical Support Doc-
ument for Jefferson County
(Madison Township and
Clark and Floyd Counties,
Indiana)

Notice is hereby given
under 40 CFR 51.102 that
the Indiana Department of
Environmental Management
(IDEM) will hold a
public hearing on Wednes-
day, May 7, 2008. The pur-
pose of this hearing is to
receive public comment on
the amendment to the
State Implementation Plan
(SIP) developed for the pur-
pose of complying with the
attainment demonstration
requirement of Section 172
(c) of the Clean Air Act
(CAA), as it applies to Jef-
ferson County (Madison
Township) and Clark and
Floyd Counties, Indiana.
Public comments will also
be received concerning the
2005 emissions inventory
included in the attainment
demonstration. The meet-
ing will convene at 5:30
p.m. (local time) at the
Clarksville Branch Library,
1312 Eastern Boulevard,
Clarksville, Indiana. All
interested persons are
invited and will be given
opportunity to express
their views concerning the
draft documents.
Jefferson County (Madison
Township) and Clark and
Floyd Counties, Indiana are
part of the Louisville KY-IN
Fine Particle Nonattain-
ment Area. This area was
designated as nonattain-
ment for the annual fine
particle standard and sub-
ject to the requirements of
Section 172 (c) of the CAA. One
of the compliance require-
ments mandated by Sec-
tion 172 (c) of the CAA, is
the development of a plan
demonstrating that the
area will meet the annual
fine particle air quality
standard by the required
attainment date. This Fine
Particle Attainment Demon-
stration Plan is being
drafted and submitted con-
sistent with United States
Environmental Protection
Agency (U.S. EPA) guid-
ance.

The attainment demon-
stration includes an air quality
modeling analysis, an emis-
sions inventory, an air qual-
ity and emissions trend
analysis, a summary of cur-
rent and anticipated emis-
sion control measures and
mobile source emission
budgets for purposes of
transportation conformity.
Public comments will be re-
ceived on all components
of the attainment demon-
stration SIP submittal.
Copies of the draft docu-
ments will be available on
or before April 4, 2008 to
any person upon request
and at the following loca-
tions:
•Indiana Department of En-
vironmental Management,
Office of Air Quality, Indi-
ana Government Center
North, 100 North Senate,
Room N1003, Indianapolis,
Indiana.
•Clarksville Branch Library,
1312 Eastern Boulevard,
Clarksville, Indiana
•Floyd County Public
Library, 180 West Spring
Street, New Albany, Indi-
ana.
•Jeffersonville Township
Public Library, 211 East
Court Avenue, Jefferson-
ville, Indiana
•Madison-Jefferson County
Public Library, 420 West
Main Street, Madison, Indi-
ana.

Oral statements will be
heard, but for the accuracy
of the record, statements
should be submitted in
writing. Written statements
may be submitted to the
attendant designated to
receive written comments
at the public hearing.
IDEM will also accept writ-
ten comments through May
9, 2008. Mailed comments
should be addressed to:
Louisville KY-IN Fine Part-
icle Standard Attainment
Demonstration
Scott Delaney, Chief
Air Programs Branch, Office
of Air Quality-Mail code 61-
50
100 North Senate Avenue
Indiana Department of
Environmental Manage-
ment
Indianapolis, IN 46206-2251
A transcript of the hearing
and all written submissions
provided at the public hear-
ing shall be open to public
inspection at IDEM and
copies may be made avail-
able to any person upon
payment of reproduction
costs. Any person heard or
represented at the hearing
or requesting notice shall
be given written notice of
actions resulting from the
hearing.
For additional information
contact Mr. Gale Ferris, at
the Indiana Department of
Environmental Manage-
ment, Office of Air Quality,
Room 1003, Indiana Govern-
ment Center North, 100
North Senate Avenue, Indi-
anapolis or call (317) 234-
3653 or (800) 451-6027 ext.
4-3653 (in Indiana).
Individuals requiring rea-
sonable accommodations
for participation in this
hearing should contact the
IDEM Americans with
Disabilities Act (ADA) coor-
dinator at:
Attn: ADA Coordinator
Indiana Department of
Environmental Manage-
ment - Mail Code 50-10
100 North Senate Avenue
Indianapolis, IN 46206-2251
Or call (317) 233-1165
(voice) or (317) 229-6965
(TDD). Please provide a
minimum of 72 hours noti-
fication.
(S - 4/2 - 517A149)

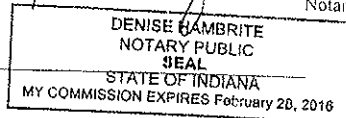
State of Indiana SS:
MARION County

Personally appeared before me, a notary public in and for said county and state,
the undersigned Karen Mullins who, being duly sworn, says that SHE is clerk
of the INDIANAPOLIS NEWSPAPERS a DAILY STAR newspaper of general circulation
printed and published in the English language in the city of INDIANAPOLIS in state
and county aforesaid, and that the printed matter attached hereto is a true copy,
which was duly published in said paper for 1 time(s), between the dates of:
04/02/2008 and 04/02/2008

Karen Mullins Clerk
Title

Subscribed and sworn to before me on 04/02/2008

Denise Hambrite Notary Public



My commission expires:

88

STA FORMULA
7.83 - 94 POINT
94 P TYPE - 16.49
16.45 996 SQUARES
0.065 5.14 - .339 CENTS PER LINE

RATE PER LINE
PUBLISHED 1 TIME = .339
PUBLISHED 2 TIMES = .509
PUBLISHED 3 TIMES = .679
PUBLISHED 4 TIMES = .848



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

April 1, 2008

Indianapolis Star/News
307 North Pennsylvania Street
PO Box 145
Indianapolis, Indiana 46206-0145

Phone: 317-444-4000
Fax: 317-444-8806

ATTENTION: PUBLIC NOTICES - LEGAL ADVERTISING SECTION

Enclosed, please find an Indiana Department of Environmental Management Public Hearing Legal Notice(s) concerning the Annual Fine Particle Attainment Demonstration and Technical Support Document for Jefferson County (Madison Township) and Clark and Floyd counties, Indiana.

Please print ONE TIME, on or before April 4, 2008, in order for us to satisfy our statutory requirements.

Please send a notarized form no. 99p and/or publisher's claim, together with the newspaper clipping, showing the date of publication and your Federal ID number to:

**Attn: Sandra Robinson, Room N1003
Indiana Department of Environmental Management
Air Programs Branch, Office of Air Quality
Mail Code 61-50
Indianapolis, Indiana 46206-2251**

If you have any questions, please call me at 317-233-0427. Thank you.

Sincerely,

Sandra Robinson
Air Programs Branch
Office of Air Quality

Enclosures

TO: ACCOUNTING
IGCN - Room 1345

FROM: KAROL T. CHUMA
IGCN - 1001
RULES SECTION
OFFICE OF AIR QUALITY

DATE: 4/8/08

Note: Please send a copy of the paid
publication to Indianapolis Star/News

The attached invoice for publication of
public notice is approved for payment.

ACCOUNT # 3610/140900

Jefferson County, Indiana

Madison, IN 47250

PUBLISHER'S CLAIM

LINE COUNT

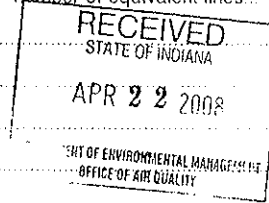
Display Matter (Must not exceed two actual lines, neither of which shall total more than four solid lines of type in which the body of the advertisement is set) -- number of equivalent lines

Head -- number of lines

Body -- number of lines

Tail -- number of lines

Total number of lines in notice



151 lines 1 columns wide equals 151 equivalent lines at .333 cents per line \$ 50.28

Additional charge for notices containing rule or tabular work (50 percent of above amount)

Charges for extra proofs of publication (\$1.00 for each proof in excess of two)

TOTAL AMOUNT OF CLAIM..... \$ 50.28

DATA FOR COMPUTING COST

Width of single column 9 ems

Number of insertions 1

Size of type 7 point

Fed ID # 35-80072

Pursuant to the provisions and penalties of Chapter 155, Acts 1953,

I hereby certify that the forgoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

Date: April 2, 2008

Title:

Publisher

PUBLISHER'S AFFIDAVIT

State of Indiana

} SS:

Jefferson County

Personally appeared before me, a notary public in and for said country and state, the undersigned Jane W. Jacobs who, being duly sworn, says that she is Publisher of the

Madison Courier newspaper of general circulation printed and published in

the English Language in the (city) (town) of Madison in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 1 time, the dates of publication being as follows:

April 2, 2008

ATTACHED COPY
OF ADVERTISEMENT
HERE

Subscribed and sworn to before me this 2nd day of April, 2008.

My Commission expires: June 26, 2008

Jane W. Jacobs
Ronnie J. Wehner
Notary Public: Ronnie J. Wehner



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

April 1, 2008

The Madison Courier
310 Courier Square
Madison, Indiana 47250

Phone: 812-265-3641
Fax: 812-273-6903

ATTENTION: PUBLIC NOTICES - LEGAL ADVERTISING SECTION

Enclosed, please find an Indiana Department of Environmental Management Public Hearing Legal Notice(s) concerning the Annual Fine Particle Attainment Demonstration and Technical Support Document for Jefferson County (Madison Township) and Clark and Floyd counties, Indiana.

Please print ONE TIME, on or before April 4, 2008, in order for us to satisfy our statutory requirements.

Please send a notarized form no. 99p and/or publisher's claim, together with the newspaper clipping, showing the date of publication and your Federal ID number to:

**Attn: Sandra Robinson, Room N1003
Indiana Department of Environmental Management
Air Programs Branch, Office of Air Quality
Mail Code 61-50
Indianapolis, Indiana 46206-2251**

If you have any questions, please call me at 317-233-0427. Thank you.

Sincerely,

Sandra Robinson
Air Programs Branch
Office of Air Quality

Enclosures

**LEGAL NOTICE OF PUBLIC
HEARING
STATE IMPLEMENTATION
PLAN SUBMITTAL**

Fine Particle (PM_{2.5}) Attainment
Demonstration and Technical
Support Document for Jefferson
County (Madison Township)
and Clark and Floyd Counties,
Indiana

Notice is hereby given under
40 CFR 51.102 that the Indiana
Department of Environmental
Management (IDEM) will hold a
public hearing on Wednesday,
May 7, 2008. The purpose of this
hearing is to receive public com-
ment on the amendment to the
State Implementation Plan (SIP)
developed for the purpose of com-
plying with the attainment demon-
stration requirement of Section
172 (c) of the Clean Air Act (CAA),
as it applied to Jefferson County
(Madison Township) and Clark
and Floyd Counties, Indiana. Pub-
lic comments will also be received
concerning the 2005 emissions in-
ventory included in the attainment
demonstration. The meeting will
convene at 5:30 p.m. (local time)
at the Clarksville Branch Library,
1312 Eastern Boulevard, Clark-
sville, Indiana. All interested per-
sons are invited and will be given
opportunity to express their views
concerning the draft documents.

Jefferson County (Madison
Township) and Clark and Floyd
Counties, Indiana are part of the
Louisville, KY-IN Fine Particle
Nonattainment Area. This area
was designated as non attainment
for the annual fine particle stand-
ard and subject to the require-
ments of Section 172 of the CAA.
One of the compliance require-
ments mandated by Section 172
(c) of the CAA, is the development
of a plan demonstrating that the
area will meet the annual fine par-
ticle air quality standard by the re-
quired attainment date. This Fine
Particle Attainment Demonstration
Plan is being drafted and submit-
ted consistent with United States
Environmental Protection Agency
(U.S. EPA) guidance.

The attainment demonstration
includes an air quality modeling
analysis, an emissions inventory,
an air quality and emissions trend
analysis, a summary of current
and anticipated emission control
measures and mobile source
emission budgets for purposes of
transportation conformity. Public
comments will be received on all
components of the attainment
demonstration SIP submittal.

Copies of the draft documents
will be available on or before April
4, 2008 to any person upon re-
quest and at the following loca-
tions

production costs. Any person
heard or represented at the hear-
ing or requesting notice shall be
given written notice of actions re-
sulting from the hearing.

For additional information con-
tact Mr. Gale Ferris, at the Indiana
Department of Environmental
Management, Office of Air Quality,
Room 1003, Indiana Government
Center North, 100 North Senate
Avenue, Indianapolis or call (317)
234-3653 or (800) 451-6027 ext.
4-3653 (in Indiana).

Individuals requiring reasonable
accommodations for participation
in this hearing should contact the
IDEM Americans with Disabilities
Act (ADA) coordinator at:

Attn: ADA Coordinator
Indiana Department of
Environmental Management
Mail Code 50-10
100 North Senate Avenue
Indianapolis, IN 46204-2251

C4-2

TO: ACCOUNTING
IGCN - Room 1345

FROM: KAROL T. CHUMA
IGCN - 1001
RULES SECTION
OFFICE OF AIR QUALITY

DATE: 4/23/08

Note: Please send a copy of the paid
publication to The Madison Courier

The attached invoice for publication of
public notice is approved for payment.

ACCOUNT # 3610/140900

To: JDEM
 (Governmental Unit)
 Clark County, Indiana

From: The Evening News
 221 Spring St. P.O. Box 867
 Jeffersonville, IN 47130

PUBLISHER'S CLAIM

LINE COUNT

Display Matter (Must not exceed two actual lines, neither of which shall
 total more than four solid lines of type in which the body of the
 advertisement is set) -- number of equivalent lines

Head -- number of lines

Body -- Number of lines

Tail -- number of lines

Total number of lines in notice

154

154

COMPUTATION OF CHARGES

154 lines, 1 columns wide equals 154 equivalent lines

at 333 cents per line

\$ 51.28

Additional charge for notices containing rule or tabular work
 (50 percent of above amount)

Charge for extra proofs of publication (\$4.00 for each proof
 in excess of two)

TOTAL AMOUNT OF CLAIM

51.28

DATA FOR COMPUTING COST

Width of single column 9.0 ems

Number of insertions 1

Size of type 7 point

FEDERAL ID#

55-0870768

Pursuant to the provisions and penalties of Chapter 155, acts 1953,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after
 allowing all just credits, and that no part of the same has been paid.

Date: 5-12 20 08

Melissa Tolnay
 Title: Legal Bookkeeper

PUBLISHER'S AFFIDAVIT

State of Indiana)

) ss:

Clark County)

Personally appeared before me, a notary public in and for said county
 and state, the undersigned Melissa Tolnay who, being duly
 sworn, says that she is legal bookkeeper of The Evening News
 newspaper of general circulation printed and published in the English
 language in the (city) of Jeffersonville in state and county aforesaid,
 and that the printed matter attached hereto is a true copy, which was
 duly published in said paper for 1 time, the
 dates of publication being as follows:

April 4, 2008

ATTACH COPY
 OF ADVERTISEMENT
 HERE

Subscribed and sworn to before me this 12TH day of May, 20 08.

Joann Galligan Notary Public
 JOANN GALLIGAN

My commission expires: August 27, 2014

55-0870768

DATA FOR COMPUTING COST

Width of single column 9.0 ems

Number of insertions 1

Size of type 7 point

FEDERAL ID#

55-0870768

Pursuant to the provisions and penalties of Chapter 155, acts 1953,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

Nelson Delaney

Date: 5-12, 20 08

Title: Legal Bookkeeper

PUBLISHER'S AFFIDAVIT

State of Indiana)

) ss:

Clark County

erson County (Madison Township) and Clark and Floyd Counties, Indiana. Public comments will also be received concerning the 2005 emissions inventory included in the attainment demonstration. The meeting will convene at 5:30 p.m. (local time) at the Clarksville Branch Library, 1312 Eastern Boulevard, Clarksville, Indiana. All interested persons are invited and will be given opportunity to express their views concerning the draft documents. Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana are part of the Louisville KY-IN Fine Particle Nonattainment Area. This area was designated as nonattainment for the annual fine particle standard and subject to the requirements of Section 172 of the CAA. One of the compliance requirements mandated by Section 172(c) of the CAA, is the development of a plan demonstrating that the area will meet the annual fine particle air quality standard by the required attainment date. This Fine Particle Attainment Demonstration Plan is being drafted and submitted consistent with United States Environmental Protection Agency (U.S. EPA) guidance. The attainment demonstration includes an air quality modeling analysis, an emissions inventory, an air quality and emissions trend analysis, a summary of current and anticipated emission control measures and mobile source emission budgets for purposes of transportation conformity. Public comments will be received on all components of the attainment demonstration SIP submittal. Copies of the draft documents will be

available on or before April 4, 2008 to any person upon request and at the following locations: Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, 100 North Senate, Room N1003, Indianapolis, Indiana; Clarksville Branch Library, 1312 Eastern Boulevard, Clarksville, Indiana; Clark County Public Library, 180 West Spring Street, New Albany, Indiana; Jeffersonville Township Public Library, 211 East Court Avenue, Jeffersonville, Indiana; Madison-Jefferson County Public Library, 420 West Main Street, Madison, Indiana. Oral statements will be heard, but for the accuracy of the record, statements should be submitted in writing. Written statements may be submitted to the attendant designated to receive written comments at the public hearing. IDEM will also accept written comments through May 9, 2008. Mailed comments should be addressed to: Louisville KY-IN Fine Particle Standard Attainment Demonstration Scott Deloney, Chief Air Programs Branch, Office of Air Quality - Mail Code 61-60 100 North Senate Avenue Indiana Department of Environmental Management Indianapolis, IN 46206-2251 A transcript of the hearing and all written submissions provided at the public hearing shall be open to public inspection at IDEM and copies may be made available to any person upon payment of reproduction costs. Any person heard or represented at the hearing or requesting notice shall be given written notice of actions resulting from the hearing. For additional information contact Mr. Gale

Ferris; at the Indiana Department of Environmental Management, Office of Air Quality, Room 1003, Indiana Government Center North, 100 North Senate Avenue, Indianapolis or call (317) 234-3653 or (800) 451-6027 ext. 4-3653 (in Indiana). Individuals requiring reasonable accommodations for participation in this hearing should contact the IDEM Americans with Disabilities Act (ADA) coordinator at: Attn: ADA Coordinator Indiana Department of Environmental Management - Mail Code 50-10 100 North Senate Avenue Indianapolis, IN 46204-2251 Or call (317) 233-1785 (voice) or (317) 232-6565 (TDD). Please provide a minimum of 72 hours notification.

and for said county by who, being duly vening News shed in the English d county aforesaid, ie copy, which was the

28

of May, 20 08

Joann Galligan

Notary Public

JOANN GALLIGAN

My commission expires: August 27, 2014

0651711



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Evening News
221 Spring Street
Jeffersonville, Indiana 47130

April 1, 2008

Phone: 812-283-6636
Fax: 812-284-7080

ATTENTION: PUBLIC NOTICES - LEGAL ADVERTISING SECTION

Enclosed please find an Indiana Department of Environmental Management Public Hearing Legal Notice(s) concerning the Attainment Demonstration and Technical Support Plan for Jefferson County (Madison Township) and Clark and Floyd counties, Indiana.

Please print ONE TIME, on or before April 4, 2008, in order for us to satisfy our statutory requirements.

Please send a notarized form no. 99p and/or publisher's claim, together with the newspaper clipping, showing the date of publication and your Federal ID number to:

**Attn: Sandra Robinson, Room N1001
Indiana Department of Environmental Management
Air Programs Branch, Office of Air Quality
Mail Code 61-50
Indianapolis, Indiana 46206-2251**

If you have any questions, please call me at 317-233-0427. Thank you.

Sincerely,

Sandra Robinson
Air Programs Branch
Office of Air Quality

Enclosures

TO: ACCOUNTING
IGCN - Room 1345

FROM: KAROL T. CHUMA
IGCN - 1001
RULES SECTION
OFFICE OF AIR QUALITY

DATE: 5/19/08

Note: Please send a copy of the paid
publication to Evening News

The attached invoice for publication of
public notice is approved for payment.

ACCOUNT # 3610/140900

To: DDSM
 (Governmental Unit)
 Floyd County, Indiana

From: THE TRIBUNE
 221 Spring St. P.O. Box 867
 Jeffersonville, IN 47130

PUBLISHER'S CLAIM

LINE COUNT

Display Matter (Must not exceed two actual lines, neither of which shall
 total more than four solid lines of type in which the body of the
 advertisement is set) -- number of equivalent lines

Head -- number of lines

Body -- Number of lines

Tail -- number of lines

Total number of lines in notice

154154

COMPUTATION OF CHARGES

154 lines, 1 columns wide equals 154 equivalent linesat .333 cents per line\$ 51.28

Additional charge for notices containing rule or tabular work
 (50 percent of above amount)

Charge for extra proofs of publication (\$4.00 for each proof
 in excess of two)

TOTAL AMOUNT OF CLAIM

51.28

DATA FOR COMPUTING COST

Width of single column 9.0 ems

Number of insertions 1

Size of type 7 point

FEDERAL ID#
 55-0870768

Pursuant to the provisions and penalties of Chapter 155, acts 1953,

I hereby certify that the foregoing account is just and correct, that the amount claimed is legally due, after
 allowing all just credits, and that no part of the same has been paid.

Date: 5-12, 20 08

Title: Legal Bookkeeper

PUBLISHER'S AFFIDAVIT

State of Indiana)

) ss:

Floyd County)

Personally appeared before me, a notary public in and for said county
 and state, the undersigned Melissa Tolnay who, being duly
 sworn, says that she is legal bookkeeper of The Tribune
 newspaper of general circulation published in the English
 language in the (city) of New Albany in state and county aforesaid,
 and that the printed matter attached hereto is a true copy, which was
 duly published in said paper for 1 time, the
 dates of publication being as follows:

April 4, 2008

ATTACH COPY
 OF ADVERTISEMENT
 HERE

Subscribed and sworn to before me this 12TH day of May, 20 08

Joan Galligan - Notary Public
 JOAN GALLIGAN

My commission expires: August 27, 2014

AL-10,140

State of Indiana)

) SS:

appeared before me, a notary public in and for said c
undersigned Delissa Tolnay who, be

that she is legal bookkeeper of The Tribune
general circulation published in the English

the (city) of New Albany in state and county afores

printed matter attached hereto is a true copy, which

ed in said paper for _____ time _____, th

ication being as follows:

April 4, 2008

and sworn to before me this 12th day of May

My commission expires: August 27, 2014

Donna M. Tolnay Notary Public

LEGAL NOTICE OF
PUBLIC HEARING
STATE IMPLEMENTATION
PLAN SUBMITTAL, Fine
Particle (PM2.5) Attainment
Demonstration and Techni-
cal Support Document for

Jefferson County (Madison Township) and Clark and Floyd Counties, Indiana No-
tice is hereby given under
40 CFR 51.102 that the in-
diana Department of Envi-
ronmental Management, Office of Air
(IDEM) will hold a public
hearing on Wednesday, May 7, 2008. The purpose
of this hearing is to receive
public comment on the
amendment to the State Im-
plementation Plan (SIP) de-
veloped for the purpose of
complying with the attain-
ment demonstration re-
quirement of Section 172
(c) of the Clean Air Act
(CAA), as it applies to Jef-
ferson County (Madison
Township) and Clark and
Floyd Counties, Indiana.
Public comments will also
be received concerning the
2005 emissions inventory
included in the attainment
demonstration. The meet-
ing will convene at 5:30
p.m. (local time) at the
Clarksville Branch Library,
1512 Eastern Boulevard,
Clarksville, Indiana. All in-
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and will be given opportu-
nity to express their views
concerning the draft docu-
ments. Jefferson County
(Madison Township) and
Clark and Floyd Counties,
Indiana are part of the
Louisville KY-IN Fine Partic-
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This area was designated
as nonattainment for the
annual fine particle stand-
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of the CAA. One of the
compliance requirements
mandated by Section 172
(c) of the CAA, is the devel-
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strating that the area will
meet the annual fine parti-
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the required attainment
date. This Fine Particle At-
tainment Demonstration
Plan is being drafted and
submitted consistent with
United States Environmen-
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inventory, an air quality and
emissions trend analysis, a
summary of current and an-
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measures and mobile
source emission budgets
for purposes of transporta-
tion conformity. Public
comments will be received
on all components of the at-
tainment demonstration SIP
submittal. Copies of the
draft documents will be
available on or before April
4, 2008 to any person upon
request and at the following
locations: 1. Indiana Depart-

065171

ment of Environmental
Management, Office of Air
Quality, Indiana Govern-
ment Center North, 100
North Senate, Room
N1003, Indianapolis, Indi-
ana. Σ Clarksville Branch
Library, 1312 Eastern Bou-
levard, Clarksville, Indiana
Σ Floyd County Public Li-
brary, 180 West Spring
Street, New Albany, Indi-
ana. Σ Jeffersonville Town-
ship Public Library, 211
East Court Avenue, Jeffer-
sonville, Indiana Σ Madi-
son-Jefferson County Pub-
lic Library, 420 West Main
Street, Madison, Indiana.
Oral statements will be
heard, but for the accuracy
of the record, statements
should be submitted in writ-
ing. Written statements may
be submitted to the attend-
ant designated to receive
written comments at the
public hearing. IDEM will al-
so accept written comments
through May 9, 2008.
Mailed comments should
be addressed to: Louisville
KY-IN Fine Particle Stand-
ard Attainment Demonstra-
tion Scott Deloney, Chief
Air Programs Branch, Of-
fice of Air Quality - Mail
Code 61-50 100 North Sen-
ate Avenue Indiana Depart-
ment of Environmental
Management Indianapolis,
IN 46206-2251 A transcript
of the hearing and all writ-
ten submissions provided at
the public hearing shall be
open to public inspection at
IDEM and copies may be
made available to any per-
son upon payment of repro-
duction costs. Any person
heard or represented at the
hearing or requesting notice
shall be given written notice
of actions resulting from the



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

April 1, 2008

TheTribune
PO Box 867
Jeffersonville, Indiana 47130

Phone: 812-283-6636
Fax: 812-283-1150

ATTENTION: PUBLIC NOTICES - LEGAL ADVERTISING SECTION

Enclosed, please find an Indiana Department of Environmental Management Public Hearing Legal Notice(s) concerning the Annual Fine Particle Attainment Demonstration and Technical Support Document for Jefferson County (Madison Township) and Clark and Floyd counties, Indiana.

Please print ONE TIME, on or before April 4, 2008, in order for us to satisfy our statutory requirements.

Please send a notarized form no. 99p and/or publisher's claim, together with the newspaper clipping, showing the date of publication and your Federal ID number to:

**Attn: Sandra Robinson, Room N1003
Indiana Department of Environmental Management
Air Programs Branch, Office of Air Quality
Mail Code 61-50
Indianapolis, Indiana 46206-2251**

If you have any questions, please call me at 317-233-0427. Thank you.

Sincerely,

Sandra Robinson
Air Programs Branch
Office of Air Quality

Enclosures

TO: ACCOUNTING
IGCN - Room 1345

FROM: KAROL T. CHUMA
IGCN - 1001
RULES SECTION
OFFICE OF AIR QUALITY

DATE: 5-19-08

Note: Please send a copy of the paid
publication to The Tribune, located
Jeffersonville, TN

The attached invoice for publication of
public notice is approved for payment.

ACCOUNT # 3610/140900

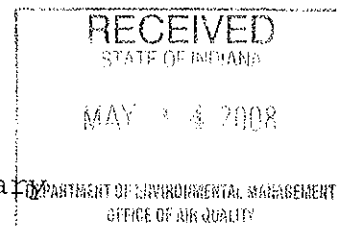
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

ORIGINAL

DATE: May 7, 2008

TIME: 5:30 P.M.

PLACE: Clarksville Public Library
1312 Eastern Boulevard
Multi-Purpose Meeting Room
Clarksville, IN 47129



PRESENT: Mr. Gale Ferris, Hearing Officer
Mr. Shawn Seals, Officer

Audience Members

Sharon Shields, Reporter

Sharon Shields
S.A.S. Reporting Service
3650 N. Old SR 62, Madison, IN 47250
Business: (812) 265-2994
Fax (812) 273-5220

1 A public hearing regarding the draft Fine Particle
2 Attainment Demonstration and Technical Support Document was
3 held at the Clarksville Public Library, 1312 Eastern
4 Boulevard, Multi-Purpose Meeting Room, Clarksville, Indiana
5 at 5:30 P.M. on May 7, 2008.

6
7
8 **OPENING STATEMENTS BY MR. GALE FERRIS:**

9 This is a public hearing to solely provide
10 interested persons an opportunity to provide comments to the
11 State regarding the draft Fine Particle Attainment
12 Demonstration and Technical Support Document for the Indiana
13 Portion of the Louisville KY-IN Fine Particle Nonattainment
14 Area; Madison Township (Jefferson County) and Clark and Floyd
15 Counties, Indiana. Comments are also being accepted on the
16 2005 emissions inventory that is included as part of the
17 attainment demonstration. This hearing is being held to
18 conform to the provisions in 40 CFR Part 51 regarding public
19 hearings for State Implementation Plan (SIP) submittals.

20
21 The area was designated as a nonattainment area
22 for the annual fine particle standard and subject to the
23 requirements of Section 172 of the Clean Air Act (CAA). One
24 (1) of the compliance requirements mandated by Section 172c
25 of the CAA is the development of a plan demonstrating that

1 the area will meet the annual fine particle national ambient
2 air quality standard (NAAQS) by the required attainment date,
3 April 5, 2010. The Indiana Department of Environmental
4 Management (IDEM) will accept comments concerning this
5 revision to the SIP for the purpose of complying with the
6 attainment demonstration requirement, as it applies to
7 Madison Township (Jefferson County) and Clark and Floyd
8 Counties, Indiana. This Fine Particle Attainment
9 Demonstration and Technical Support Document is being drafted
10 and submitted consistent with United States Environmental
11 Protection Agency (U.S.EPA) guidance.

12
13 My name is Gale Ferris. I am an Environmental
14 Manager in the Planning Section of the Indiana Department of
15 Environmental Management's Office of Air Quality. I have
16 been appointed to act as hearing officer for this public
17 hearing. Also, here with me is Shawn Seals, a Senior
18 Environmental Manager, in the Planning Section of the Indiana
19 Department of Environmental Management's office of Air
20 Quality.

21
22 Notice of the time and place of the hearing was
23 given as provided by law by publication in the following
24 newspapers:
25

- (1) The Indianapolis Star, Indianapolis, Indiana
- (2) The New Albany Tribune, New Albany, Indiana
- (3) The Evening News, Jeffersonville, Indiana
- (4) The Madison Courier, Madison, Indiana

Appearance blanks have been distributed in the hearing room for all those desiring to be shown appearing on record in this cause. If you have not already filled out the form, please do so and indicate if you are appearing for yourself or on behalf of a group or organization and identify such group or organization. Also, note the capacity in which you appear, such as, attorney, officer or authorized spokesperson.

Any person who is heard or represented at this hearing or who requests notice may be given written notice of the final action taken on this State Implementation Plan submittal. Please indicate on the appearance card if you wish to receive this notification. When appearance cards have been completed, they should be handed to me and I will include them with the official record of this proceeding.

Oral statements will be heard, but written statements may be handed to me or mailed to the Office of Air Quality on or before close of business on May 9th, 2008. A

1 written transcript of this hearing is being made. The
2 transcript will be open for public inspection and a copy of
3 the transcript will be made available to any person upon
4 payment of the copying cost.

5
6 After the conclusion of this public hearing, I
7 will prepare a written report summarizing the comments
8 received at this hearing and recommending changes which may
9 need to be made to this document.

10
11 I would like to introduce the following
12 documents into the record:

- 13
14 (1) The notice of public hearing.
- 15 (2) Draft Fine Particle Attainment Demonstration
16 and Technical Support Document for the
17 Indiana Portion of the Louisville KY-IN Fine
18 Particle Nonattainment Area; Madison Township
19 (Jefferson County) and Clark and Floyd
20 Counties, Indiana.
- 21 (3) Supplement to Appendix A, 2007 Monitoring
22 Data Technical Support Documentation.
- 23 (4) 2005 Clark, Floyd and Jefferson County, Indiana
24 Emissions Inventory.
25

1 Finally, I would like to briefly go over the
2 contents of the draft document.
3

4 In 1997, the United States Environmental
5 Protection Agency set daily and annual ambient air quality
6 standards for fine particles at 15.0 micrograms per cubic
7 meter on an annual basis and at 65.0 micrograms per cubic
8 meter on a 24-hour or daily basis.
9

10 Legal challenges to the new standards for fine
11 particles resulted in delayed implementation of the
12 standards until February 2001, when the Supreme Court upheld
13 the standards and ruled that the U.S.EPA could proceed with
14 implementation of the new standards. Indiana began
15 monitoring for fine particles in 1999. The U.S.EPA
16 originally designated counties under the fine particle
17 standards based on 2001 through 2003 monitoring data in
18 December 2004. The U.S.EPA designated areas throughout the
19 country as attainment, nonattainment, or unclassifiable.
20 Madison Township (Jefferson County) and Clark and Floyd
21 Counties, Indiana were designated nonattainment as part of
22 the Louisville KY-IN Fine Particle Nonattainment Area. The
23 U.S.EPA withdrew a number of counties identified as
24 nonattainment based on updated monitoring data for 2002
25 through 2004 prior to the effective date of designations,

1 which was April 5, 2005, based on the fact that those
2 counties had met the standard at the close of 2004.
3 However, this action did not affect the Louisville KY-IN
4 nonattainment area. The area's controlling design value
5 (16.9 micrograms per cubic meter) was monitored at the
6 Wyandotte Park, Jefferson County, Kentucky air quality
7 monitor. Monitors for ambient fine particle levels are
8 located in all counties in the Louisville KY-IN
9 nonattainment area except Madison Township in Jefferson
10 County, Indiana. No monitors within Indiana's portion of
11 the Louisville KY-IN fine Particle Nonattainment Area have
12 violated the 1997 24-hour fine particle standard.

13
14 The Louisville KY-IN Fine Particle
15 Nonattainment Area consists of Madison Township (Jefferson
16 County) and Clark and Floyd Counties, Indiana; and Jefferson
17 and Bullitt Counties, Kentucky.

18
19 The agencies responsible for assuring the
20 nonattainment area complies with the CAA requirements are:

- 21
22 * The Louisville Metro Air Pollution Control
23 District, which is responsible for Jefferson
24 County (Louisville) in north central
25 Kentucky;

- * The Kentucky Department for Environmental Protection, (KDEP), which is responsible for Bullitt County, Kentucky; and,
- * The Indiana Department of Environmental Management (IDEM), which is responsible for Madison Township (Jefferson County) and Clark and Floyd Counties, Indiana.

Indiana and Kentucky have worked cooperatively with U.S.EPA Regions IV and V to address planning issues.

Although Indiana and Kentucky have worked together on a comprehensive plan for multi-state areas, each state is required to make a separate submittal for its portion of the planning components to U.S.EPA. Attainment demonstrations are considered SIP submittals and U.S.EPA action on them is taken separately. This submittal only covers the Indiana portion of the nonattainment area, Madison Township (Jefferson County) and Clark and Floyd Counties, Indiana.

The Clean Air Act Amendments of 1990 (CAA) required areas designated nonattainment for the annual fine particle NAAQS to develop SIP revisions, to expeditiously attain and maintain the standard. Section 172 of the 1990

1 CAA stipulates the requirements nonattainment areas must
2 meet, including the development of a plan to reduce direct
3 PM_{2.5}, NO_x and SO₂ emissions and a demonstration that the
4 area will meet the ambient air quality standard by April 5,
5 2010.

6
7 The CAA requires multi-state nonattainment
8 areas to demonstrate attainment using photochemical computer
9 grid modeling. A computer model is used to predict maximum
10 fine particle concentrations in every grid cell (or point of
11 analysis) within the nonattainment area. Computer modeling
12 conducted by the Lake Michigan Air Director's Consortium
13 (LADCO) shows all future year concentrations well below the
14 annual fine particle NAAQS of 15.0 micrograms per cubic
15 meter. According to the U.S.EPA guidance, areas with future
16 year design values lower than 14.5 micrograms per cubic
17 meter at each monitor site only need to provide a basic
18 supplemental analysis that the area will attain the annual
19 fine particle standard. Since the area's future year design
20 value is predicted to be significantly below the fine
21 particle standard, at 13.6 micrograms per cubic meter, a
22 basic supplemental analysis is only required to support the
23 modeling analysis. This analysis further demonstrates that
24 the nonattainment area will comply with the annual fine
25 particle standard by the prescribed attainment date of April

1 5, 2010.

2
3 This demonstration shows that NO_x and SO₂
4 emissions reductions since designation have had a positive
5 effect on regional fine particle levels. It also shows that
6 once the photochemical modeling results are considered along
7 with additional national, regional and local control
8 measures to be phased-in or implemented in 2008 and 2009,
9 air quality in the area will achieve attainment of the
10 annual NAAQS for fine particles by April 5, 2010, and
11 provide for an ample margin of safety.
12

13 This plan satisfies Indiana's obligation
14 under Section 172c of the CAA to demonstrate how the area
15 will attain the annual standard for fine particles by the
16 attainment date, and as a result, realize cleaner air. The
17 development of this plan will bring this region into
18 compliance with state and federal fine particle air quality
19 standards, and provide real progress in the state's journey
20 toward cleaner air.
21

22 In conclusion, monitors in Indiana's portion of
23 the Louisville KY-IN Fine Particle Nonattainment Area have
24 measured values above the 2006 daily standard. However, the
25 U.S.EPA has not implemented the standard at this time. This

1 document solely applies to demonstrating attainment of the
2 annual fine particle standard.

3 This concludes my comments regarding the draft
4 Fine Particle Attainment Demonstration and Technical Support
5 Document for Madison Township (Jefferson County) and Clark
6 and Floyd Counties, the Indiana portion of the Louisville
7 KY-IN Fine Particle Nonattainment Area. Before opening this
8 hearing for public comments, may I once again remind you
9 that this hearing pertains solely to this draft attainment
10 demonstration and technical support document in association
11 with the annual standard for fine particles for Indiana's
12 portion of the Louisville KY-IN Fine Particle Nonattainment
13 Area, and only comments germane to this matter will be
14 considered as part of the public record.

15
16 Shawn and I will be available following this
17 hearing to address any questions you may have that do not
18 pertain to this specific matter.

19
20 This hearing is now open for public comment.
21 Are there any public comments?

22
23 In the absence of any further comments, these
24 proceedings are hereby concluded. This hearing is
25 adjourned.

1 Thank you.

2
3 * * * * *

4 CONCLUSION OF HEARING

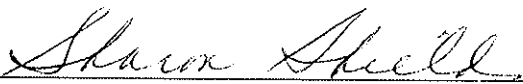
C E R T I F I C A T E

STATE OF INDIANA)
) SS:
COUNTY OF JEFFERSON)

I, Sharon Shields, do hereby certify that I am a Notary Public in and for the County of Jefferson, State of Indiana, duly authorized and qualified to administer oaths; That the foregoing public hearing was taken by me in shorthand and on a tape recorder on May 7, 2008 at the Clarksville Public Library, 1312 Eastern Boulevard, Multi-purpose Meeting room, Clarksville, IN; That this public hearing was taken on behalf of the Indiana Department of Environmental Management pursuant to agreement for taking at this time and place; That the testimony of the witnesses was reduced to typewriting by me and contains a complete and accurate transcript of the said testimony.

I further certify that pursuant to stipulation by and between the respective parties, this testimony has been transcribed and submitted to the Indiana Department of Environmental Management.

WITNESS my hand and notarial seal this 13th day of May, 2008.


Sharon Shields, Notary Public
Jefferson County, State of Indiana

My Commission Expires:

July 2, 2015

